

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/11/98

Date Received: 05/07/98

Project: Acid Tank Tests, PO# M10953

Date Analyzed: 5/08/98

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR % ACID**

Results Reported as Percent Acid by Volume

<u>Sample ID</u>	<u>% Acid</u>
M10953 A Small Tank	9.0
M10953 B Large Tank	11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/11/98

Date Received: 05/07/98

Project: Acid Tank Tests, PO# M10953

Date Extracted: 05/08/98

Date Analyzed: 05/08/98

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR SPECIFIC GRAVITY
@ 15.56 °C**

<u>Sample ID</u>	<u>Specific Gravity</u>
M10953 A Small Tank	1.26
M10953 B Large Tank	1.30
Method Blank	1.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/11/98

Date Received: 05/07/98

Project: Acid Tank Tests, PO# M10953

**QUALITY ASSURANCE RESULTS
FOR SPECIFIC GRAVITY**

Laboratory Code: 805026-01 (Duplicate)

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Specific Gravity@ 15.56°C	1.26	1.28	2	0-20

FRIEDMAN & BRUYA, INC.
3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282

805026 MM
57-98

SAMPLE CHAIN OF CUSTODY

Send Report To: Alaska Copper Work Contact: Gerard Thompson
Company: 628 Highland St
Address: Seattle WA 98139
City, State, Zip: Seattle WA 98139
Phone #: (206) 382-8379 FAX #: (206) 382-4309 Date: 5-7-98

SITE NO. <u>7238</u>		PROJECT NAME <u>Acid Tank tests</u>	PURCHASE ORDER # <u>M 10953</u>
SAMPLERS (signature) <u>[Signature]</u>		PROJECT LOCATION <u>3200 6th Ave S</u>	
REMARKS <u>Please Rush Verbal Results</u>		SAMPLE DISPOSAL INFORMATION <input type="checkbox"/> Dispose after 30 days <input checked="" type="checkbox"/> Return Samples <input type="checkbox"/> Call for Instructions	

Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
<u>M 10953 A</u>	<u>12:30 5-7-98</u>	<u>HNO3</u>	<u>1</u>	<u>01</u>	<u>% of acid S</u>
<u>Small Tank</u>					
<u>M 10953 B</u>	<u>12:30 5-7-98</u>	<u>HNO3</u>	<u>1</u>	<u>02</u>	<u>% of acid S</u>
<u>Large Tank</u>					

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: <u>[Signature]</u>	<u>Gerard Thompson</u>	<u>ACW</u>	<u>5-7-98</u>	<u>1:00 PM</u>
Received by: <u>[Signature]</u>	<u>MANUEL MARTI</u>	<u>F&B</u>	<u>5-7-98</u>	<u>1:02 PM</u>
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Jensen, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

May 11, 1998

DUPLICATE COPY

INVOICE #98ACU0511-1

Accounts Payable
Alaskan Copper Works
628 South Hanford St.
Seattle, WA 98134

RE: Project Acid Tank Tests, PO# M10953: Results of testing requested by
Gerry Thompson for material submitted on May 7, 1998.

2 water samples analyzed for Percent of Acids @ \$25 per sample	\$ 50.00
2 water samples analyzed for Specific Gravity @ \$25 per sample	<u>50.00</u>
Amount Due	\$ 100.00

FEDERAL TAX ID (b) (6)

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Jensen, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

May 11, 1998

**Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford St.
Seattle, WA 98134**

Dear Mr. Thompson:

Included are the results from the testing of material submitted on May 7, 1998 from your Acid Tank Tests, PO# M10953 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



**Manuel Marti
Project Manager**

**Enclosures
ACU0511R.DOC**